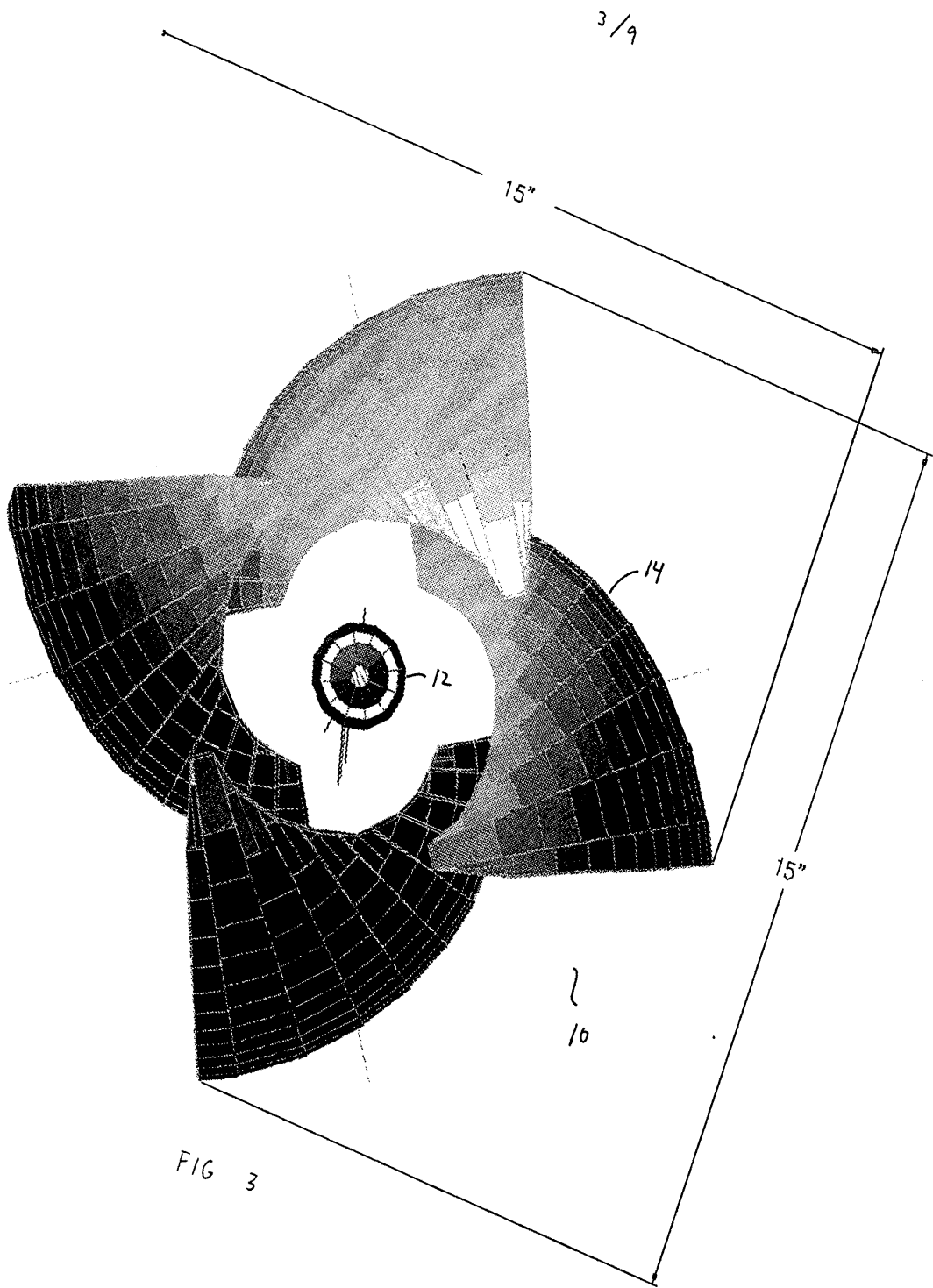


FIG 2



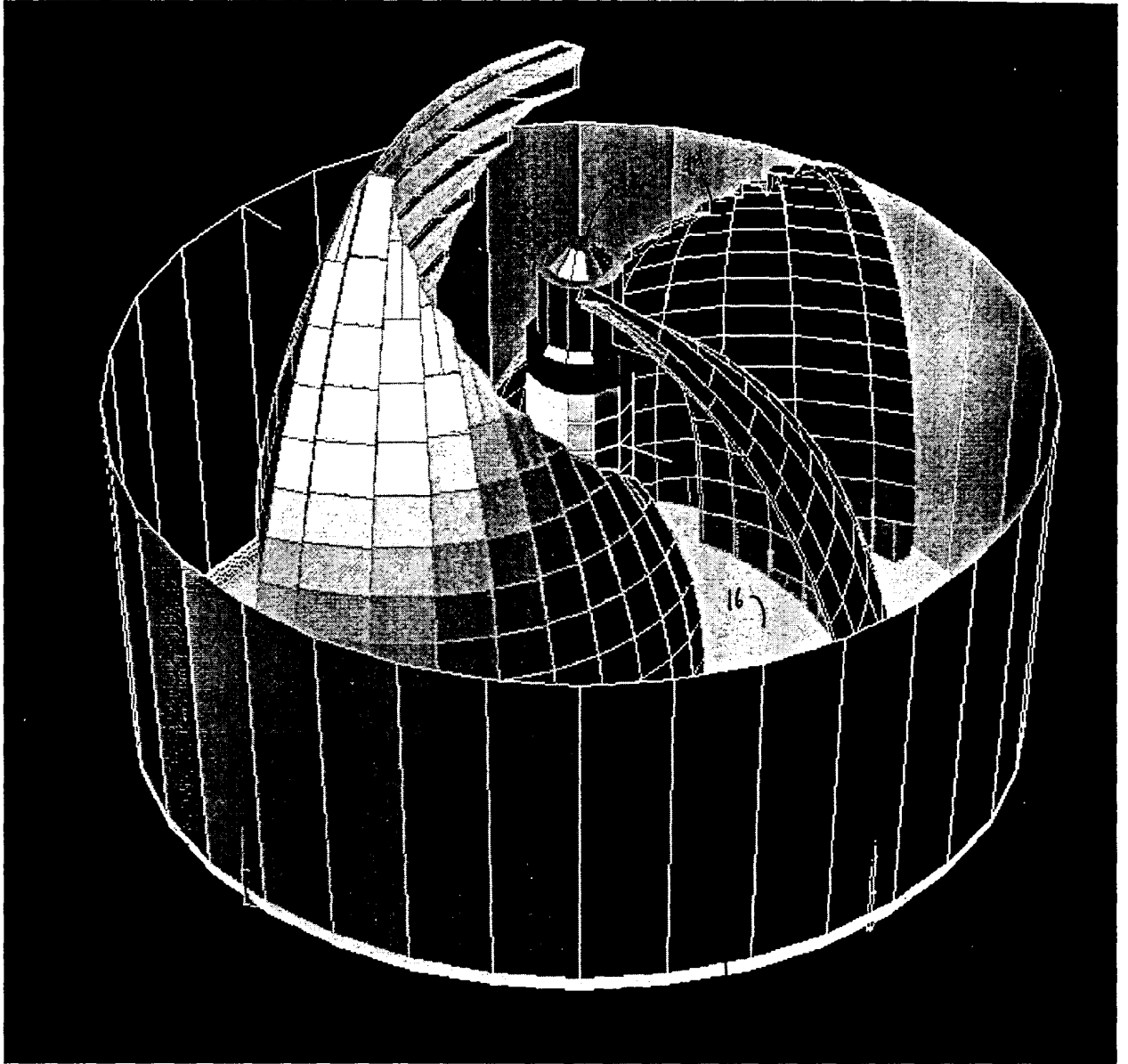


FIG 4A

5/9

12

14

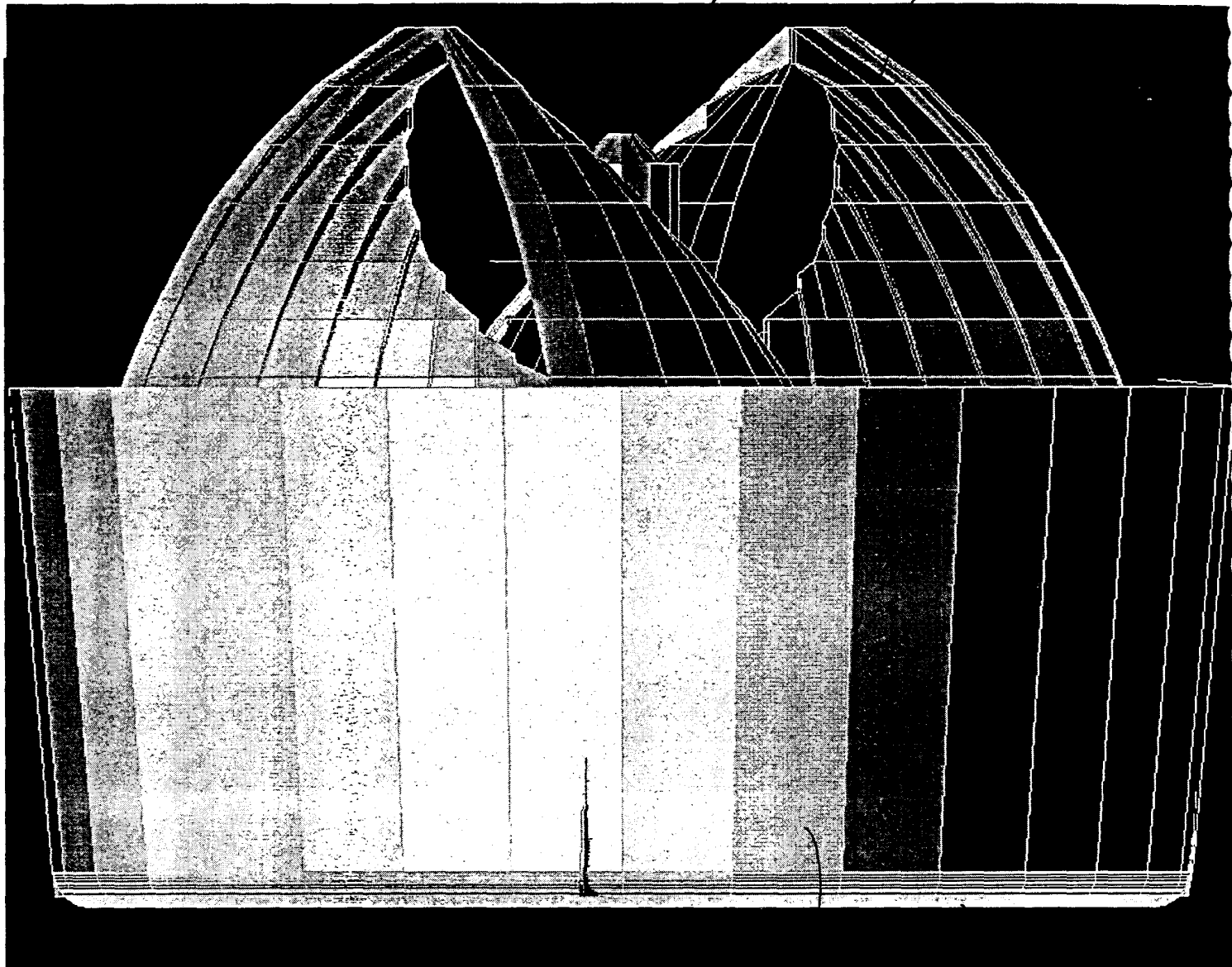


FIG 4B

18

16

6/9

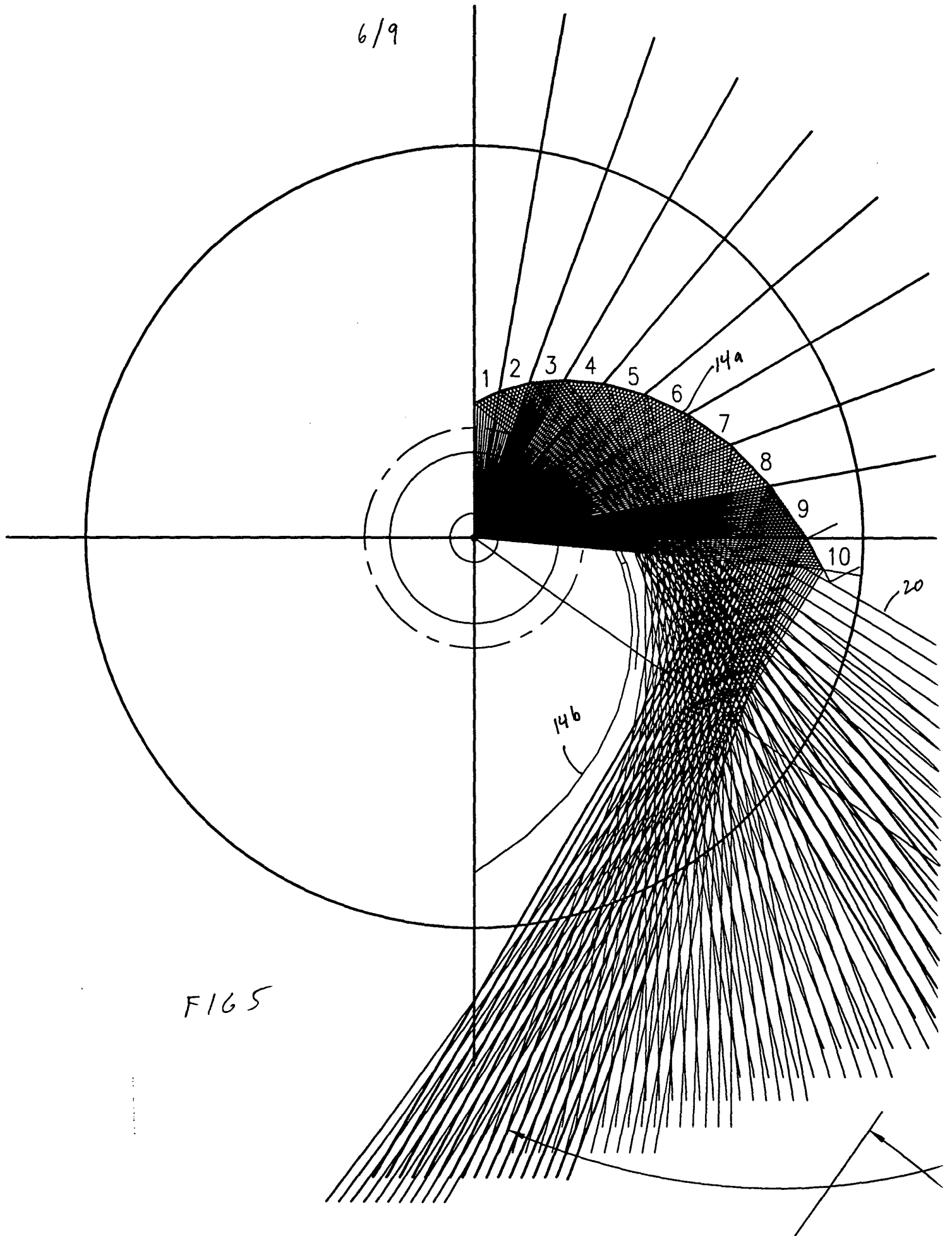


FIG 5

7/9

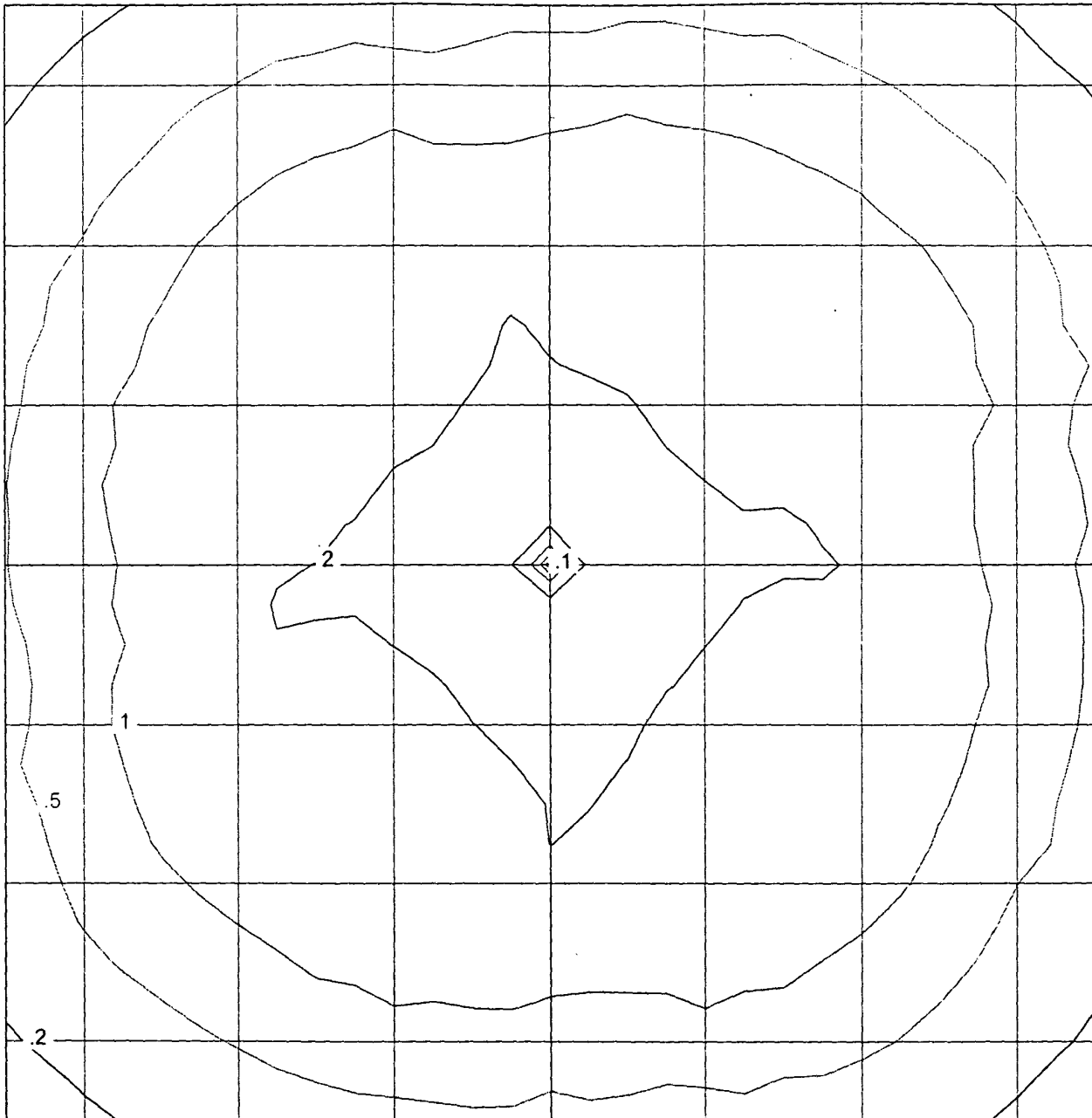


FIG 6

HORIZONTAL FOOTCANDLES
SCALE: 1 INCH = 20 FT
LIGHT LOSS FACTOR = 1
TOTAL LUMENS = 36000
MOUNTING HEIGHT = 20 FT
ARM LENGTH = 0 FT
MAXIMUM CALCULATED VALUE = 2.9

8/9

3-D PERSPECTIVE OF ONE BLADE

- A. CIRCLED NUMBERS REPRESENT CURVES (SHOWN AS DOTTED LINES) IN HORIZONTAL AND VERTICAL PLANES.
B. LIGHT CENTER IS SHOWN IN X AND Y AXES.

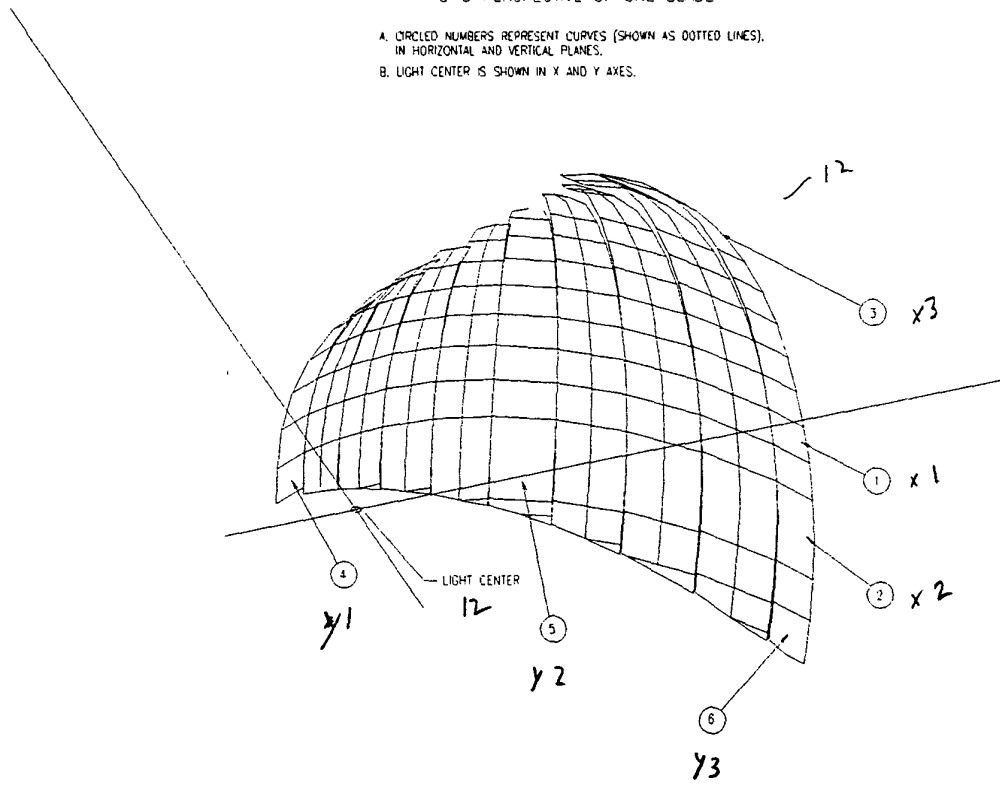


FIG 7

9/9

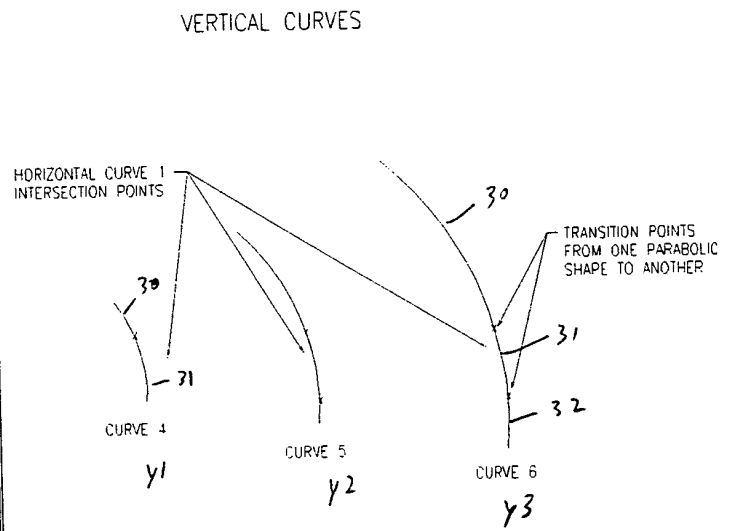
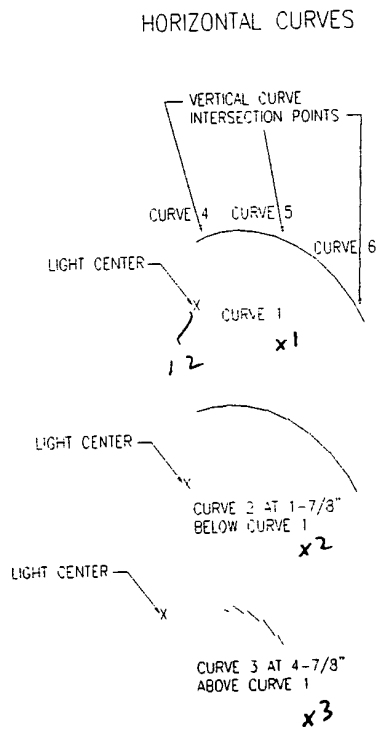


FIG 8